रजिस्ट्री सं० डीएल—33001/95 REGISTERED NO. DL—33001/95

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[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 7th January 1995

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पेटेंट कार्यालय

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कलकत्ता, दिनांक 7 जनवरी 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

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पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दीव एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एक्क सं 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600002 ।

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पांडिचेरी, लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
सिजाम पैलेस, द्वितीय बहूतलीय कार्यालय,
भाग 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित हैं; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDUM

Under the heading "PATENT SEALED" in the Gazette of India, Part-III, Sec-2 dated 7-10-94 notified on 5-11-94 *delete* 173034.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent branch are the dated claimed under section 135, of the Parent Act 1970.

28th October, 1994

894/Cal/94. E.I. Du Pont De Nemours and Company. Process and catalyst composition for hydrocyanation of monoolefins.

895/Cal/94. Mitsubishi Materials Corporation. Copper smelting apparatus.

896/Cal/94. Mitsubishi Material Corporation. Method for water-granulating calcium ferrite slag.

897/Cal/94. Commonwealth Scientific and Industrial Research Organisation and QMC (Magnesium) Pty L'd. Anhydrous magnesium chloride.

(Convention No. dated 28-10-93 in Australia).

31st October, 1994

898/Cal/94. Daewoo Electronics Co. Ltd. Thin film actuated mirror array and method for the manufacture thereof.

899/Cal/94. Debasis Goswami. A process for the production of titanium dioxide form mauxite waste.

900/Cal/94. Euro-Celtique, S.A. Immediate release tablet cores of insoluble drugs having sustained release coating.

901/Cal/94. Rieke Corporation. Plastic drum closure.

902/Cal/94. Paolo Caselli. Security syringe with retractable hollow needle.

903/Cal/94. ELF Atochem North America, INC. Novel unsaturated peroxide compositions, polymeric-peroxide derived therefrom and their uses.

904/Cal/94. PPG Industries, INC. Power coating composition based on epoxy containing polymers and polyacid curing agents.

905/Cal/94. Hoechst Aktiengesellschaft. Water-soluble pathalocyanine dyes preparation thereof and use thereof.

906/Cal/94. Krone Aktiengelellschaft. Insulation displacement contact element.

907/Cal/94. Polartechnics Ltd. Methos and apparatus for tissue type recognition. (Convention No. PM-2137 dated 1/11/93 in Australia.).

COMPLETE SPECIFICATION ACCEPTED

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एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके प्रकाशन की तिथि से चार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के अधीन विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, पेटेंट को उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की प्रमाणित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Cl. : 35 E 174541

Int. Cl. : C 04 B 35/00.

METHOD FOR PRODUCING A SELF-SUPPORTING CERAMIC BODY.

Applicant : LANXIDE TECHNOLOGY COMPANY, LP. OF TRALEE INDUSTRIAL PARK NEWARK, DELAWARE 19711 U.S.A.

Inventor : MARC STEVENS NEWKIRK.

Application No. 720/Cal/1987; filed on 09th September, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

16 Claims

A method of producing a self-supporting ceramic body containing a polymer component, comprising the steps of :

(a) providing in a manner as hereindescribed a self-supporting ceramic body comprising a polycrystalline oxidation reaction product formed upon oxidation of a molten parent metal such as herein described; with an oxidant such as herein described; and having interconnected porosity at least partially accessible from at least one surface of said ceram c body;

(d) disposing in a manner as herein described a polymer such as herein described in at least a portion of said porosity to form a ceramic body containing a polymer component; and

(c) contacting in a manner as herein described at least one surface of said ceramic body with a requisite quantity of the polymer which is capable of infilitrating at least a portion of said interconnected porosity and infilitrating at least a portion of said inter-connected porosity with at least a porion of said quantity of said polymer under polymerizable conditions to for ma ceramic body containing a polymer compenent.

(Compl. Specn. 26 pages. Drgns. 3 sheets.)

Cl. : 127 I 174542

Int. Cl. : B 29 C, 47/08.

A STEEL MACHINE COMPONENT.

Applicant : BOHLER GESELLSCHAFT M.B.H. OF ELISABETHSTR. 12, A-1010 WIEN, AUSTRIA.

Inventor : WALTER KROISENBRUNNER.

Application No. 487/Cal/1989; filed on 23rd June, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

22 Claims

A steel machine component, comprising of a supporting bushing, provided with at least one recess along the length, with the bushing having a cylindrical shape, preferably, over one part of its outer surface, where the recess (or recesses) along the circumference having at least one wear resistant and/or corrosion resistant lining to form a metallic compound or a metallic combination, produced by, forging, rolling or similar operation, and provided with the supporting bushing, characterised in that, for the formation of a double or multiple helical cylinder for the processing of the synthetic material, the recess (3) formed in the supporting bushing (1) has a shape of cross section varying form that of a circular shape, as for example, the shape of two overlapping circles and that the surface of the metallic compound (9) has along its periphery between linings (4) whose cross sectional shape is likewise

other than that of a circular shape and the supporting bushing (1) varying normal distances from the peripheral surface of the supporting bushing (1).

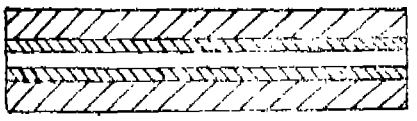


FIG. 1b

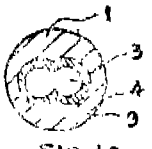


FIG. 1c

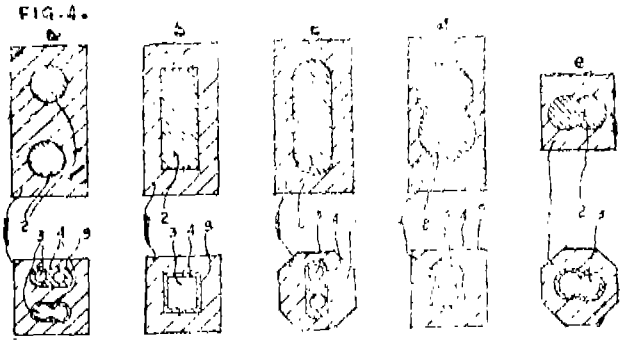


FIG. 4.

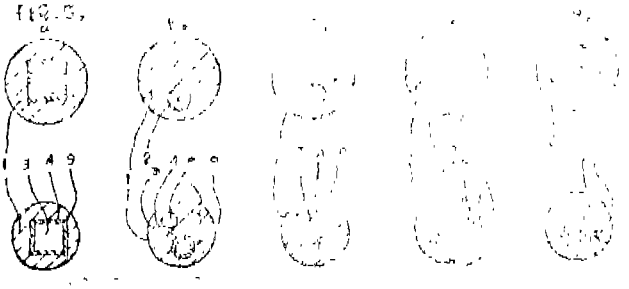


FIG. 5.

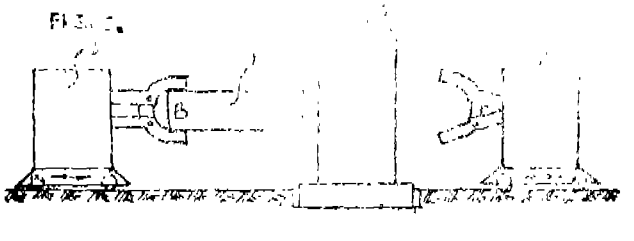


FIG. 6.

(Compl. Specn 20 pages. Drngs. 2 sheets.)

Cl. : 32 F1 174543

Int. Cl.[4] : C 07 C 143/70.

PROCESS FOR THE PURIFICATION OF ALKANESULFONYL CHLORIDES.

Applicant : PENNWALT CORPORATION OF PENNWALT BUILDING, THREE PARKWAY PHILADELPHIA, PENNSYLVANIA 19102, UNITED STATES OF AMERICA.

Inventors : (1) DAVID MILTON GARDNER,
(2) GREGORY ALAN WHEATON,
(3) MARTIN NOSOWITZ.

Application No. 763/Cal/1989; filed on 18th September, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A process for the purification of alkanesulfonyl chlorides comprising contacting said alkanesulfonyl chlorides with an ozone-containing gas at a temperature ranging from about 0°C to about 100°C for a time sufficient to reduce odorous and color-forming impurities therein, said ozone-containing gas having an ozone concentration ranging from 0.001% to 10% by weight said alkanesulfonyl chloride being contacted with said ozone-containing gas for about 10 minutes to about 8 hours, said alkanesulfonyl chloride having the general formula RSO_2Cl where R represents and alkyl group of 1 to 20 carbons contained in a straight or branched chain.

(Compl. Specn, 11 pages. Drngs. Nil.)

Cl. : 155—F 1 & 2 174544

Int. Cl. : E 02 D 31/00.

A METHOD OF PROTECTING AND/OR RESTORING CONCRETE SURFACES FROM DELETERIOUS ENVIRONMENTAL EFFECTS.

Applicant : PROJECTS & DEVELOPMENT (INDIA) LTD., OF P.O. SINDRI, DHANBAD, BIHAR, INDIA.

Inventors : (1) DR. VIDYA SAGAR GUPTA,
(2) DR. PANKAJ KUMAR BOSE,
(3) MR. DEB KUMAR GUHA SARKAR.

Application No. 117/Cal/1990; filed on 06th May 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A method of protecting or restoring concrete and like surfaces from the effects of environment, like acids, alkalies, salt water and heat as well as abrasion which comprises preparing first component by reacting epoxy resin with dehydrated coal tar followed by dilution with a mixture of solvents viz. n-Butanol and toluene in the weight ratio of 55; 35; 10 preferably at 6/°—70 C, preparing a second component by mixing amidopolyamine and a mixture of solvent viz. n-Butanol and toluene in the weight ratio of 10 : 1, mixing the two components in weight ratio of 3 : 1, allowed to react at 15°C—40°C for 30-10 minutes respectively applying the mixture on the desired surface to form a coating which is allowed cure such that when the mixture of said two components are allowed to react, the viscosity gradually increases with time and application of said mixture must be completed before said mixture reaches to gelling i.e. when said mixture attains such a viscosity that it becomes un-usable.

(Compl. Specn. 11 pages. Drng. Nil.)
(Provn. Specn 7 pages. Drng. Nil.)

Cl.: 35 C 174545

Int. Cl.[4] : C 04 B 16/02, 18/00.

PROCESS FOR MANUFACTURING CONCRETE ADDITIVES.

Applicant & Inventor : LUIS PEREZ BARRENECHEA OF PARQUE CENTRAL, TDIF. CATUCHE, PISO 9, APTO. M, CARACAS 1010, VENEZUELA.

Application No. 427/Cal/1990; filed on 23rd May, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A process for manufacturing a concrete additive comprising mixing together a first homogenised mixture containing water and calcium terpineate in a proportion of 50 : 1 v/w

with a soluble molasses concentrate such as herein described diluted to contain 50% of water by volume and a water solution of formaldehyde in equal proportions by weight together with a second homogenised mixture containing sodium hydroxide and water in a proportions of 12.5 kg of sodium hydroxide in 1000 litres of the mixture in proportions such as herein described, the additive resulting from such admixing comprising 0.004% by weight of calcium terpineate; 1.25% by weight of sodium hydroxide, 0.03% by weight of formadehyde and less than 4% of non-solubles the amount of the soluble molasses concentrate solution being chosen to obtain the density of the additive produced of 1.18 to 1.20 gm/cm.

(Compl. 12 pages Drgns. Nil.)

Cl. 134 B. 174546

Int. Cl. B 60 K, 20/00.

"GEAR CHANGE MECHANISM".

Applicant : MASSEY-FERGUSON MANUFACTURING LIMITED. OF STRATON KENILWORTH, WARWICKSHIRE CV 8 2LJ, ENGLAND.

Inventor : ROGER MICHEL WEYMAN.

Application No. 732/Cal/1990; filed on 23rd August, 1990.

(Convention No. 8921541.2 Filed on 23-09-1989; U. K.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

6 Claims

A gear change mechanism (10) for a vehicular transmission having a plurality of gear trains (18, 20) each established through an associated selector fork (16) slidable mounted on a support rail (14) having two ends, characterised in that the support rail (14) may be displaced axially against the action of a resilient means (32, 38) thereby ensuring that the required selector fork movement for gear engagement may be achieved even when the fork (16) is jammed on the support rail (14).

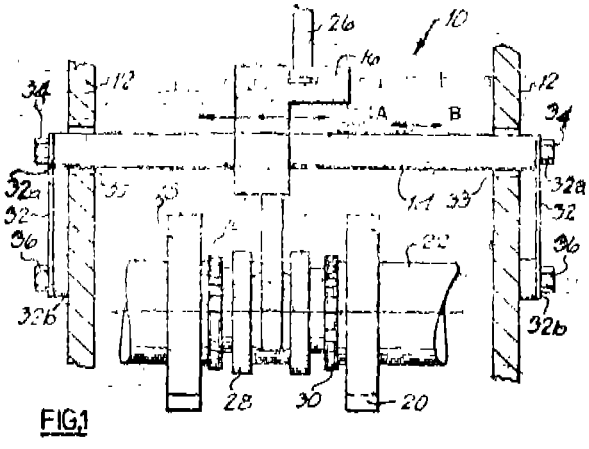


FIG1

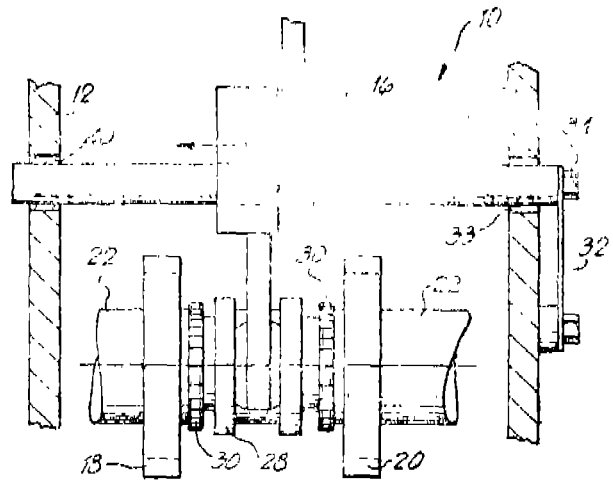


FIG.3

(Compl. Specn. 8 pages. Drgns. 2 sheets.)

Cl. 172 C 5 174547

Int. Cl.[4] D 04 01 D 4/00, 4/08.

"A SPINNERET FOR PRODUCING FILAMENTS FROM A FLOWABLE MATERIAL".

Applicant : LENZING AKTIENGESELLSCHAFT. OF WERKSTRABE, A-4860 LENZING, AUSTRIA.

Inventors : (1) STEFAN ZIKELI, (2) HERAMANN KOBERGER, (3) DIETER EICHINGER, (4) STEFAN ASTEGGER, (5) KARIN WEINZIERL, (6) RAIMUND JURHOVIC (7) BERND WOLSCHNER, (8) HEINRICH FIRGO.

Application No. 962/Cal/1990; filed 14th November, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

11 Claims

A spinneret for producing filaments from a flowable material, comprising :

a nozzle head for receiving said flowable material;

a mechanically stable rigid support plate received in said nozzle head and provided with a multiplicity of throughgoing holes; and

a respective small plate received in each of said holes and formed with a plurality of capillaries forming respective filament emitting orifices.

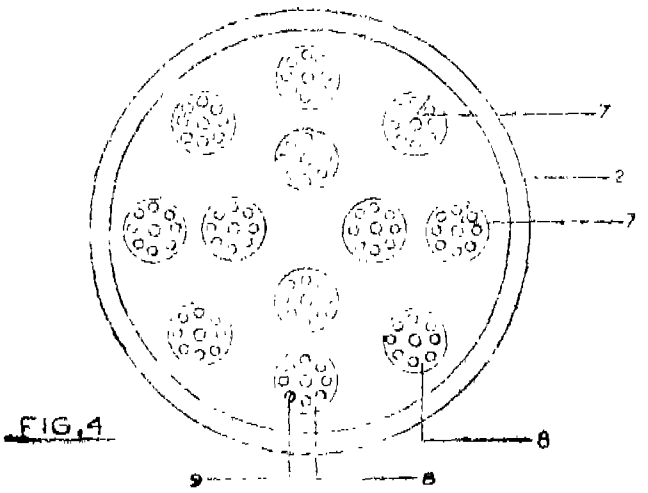


FIG.4

Compl. specn. 12 pages Drgns. 3 sheets.

Cl. 35 E 174548

Int. Cl.[4] : C 04 B 35/00.

"METHOD FOR THE PRODUCTION OF ALUMINA-CARBON REFRACTORY SHROUD".

Applicants : (1) DALMIA INSTITUTE OF SCIENTIFIC & INDUSTRIAL RESEARCH, AND (2) ORISSA CEMENT LIMITED, BOTH OF RAGANGPUR-770017, DIST. SUNDARGARH, ORISSA, INDIA.

Inventors : (1) DR. JAJNYADATTA PANDA, AND (2) DR. NILACHAL SAHOO.

Application No. 963/Cal/1990; filed on 15th November, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

7 Claims

A method for the production of alumine-carbon refractory shroud which comprises intimately mixing the following ingredients in the following amounts :—

High alumina aggregate as herein described—85 to 65% by wt.

Carbonaceous material as herein described—15 to 35% by wt.

Oxidic additive as herein defined—0 to 30% by wt.

Non-oxidic additive as herein defined—1—5 parts by wt.

resinous binder—3—6 parts by wt.

wherein the high alumina aggregate has the following grain size distribution—

(0.5-1) mm.—10—55% by wt.

(0.06-0.5) mm.—75—25% by wt

=0.06 mm.—15—20% by wt.

subjecting the mixture to isolatic pressing inside a rubber mould into the shape of shround and subsequently subjecting the shroud to thermal treatment at 100-200°C for 24n hours.

Compl. specn. 8 pages. Drgn. Nil

Cl. : 150 C. 174549

Int. Cl.[4] : F 16 L 19/02, 21/02.

"HIGH PRESSURE HOSE COUPLING, ITS METHOD OF MAKING MACHINE FOR ASSEMBLING THE SAME".

Applicant : HANS OETIKER AG MASCHINEN-UND APPARATEFEBRIK, OF OGERDORFSTRASSE 21, CH-8812 HORGEN, SWITZERLAND.

Inventor : HANS OETIKER.

Application No. 1050/Cal/1990; filed on 20th December, 1990.

Appropriate office for opposition Proceedings Rule 4, Patent rule 1972) Patent Office, Calcutta.

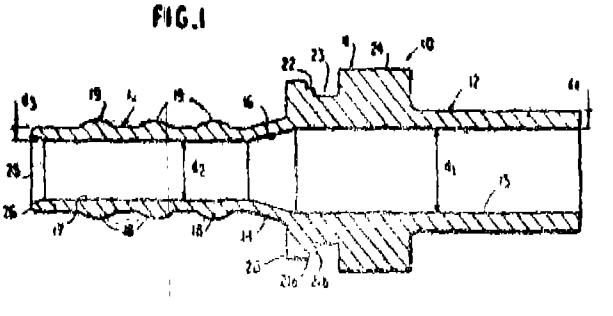
32 Claims

Appropriate Office for Opposition Proceedings (Rule 4, be securely fastened thereby, comprising :

a nipple structure including a main portion, a connecting nipple portion extending from said main portion in one axial direction of the nipple structure, a nipple portion extending from said main portion in the other axial direction of the nipple structure, said nipple portion having spaced cirmumferentially extending protuberances whose external surfaces are rounded off, said main portion including a collar portion, sharp edged step means between said collar portion and a circumferential groove which is adjoined by a head portion, as viewed in the direction from the nipple portion in the one axial direction, said nipple portion being connected with said collar portion by way of a tapering portion, said main portion and at least a part of said connecting portion being provided with an axial bore of a substantially constant first diameter, said nipple portion being provided with an axial bore of a substantially constant second diameter smaller than said first diameter which passes over into the axial bore of said first diameter by way of a tapering bore in said tapering portion, said tapering portion having a thickness approximately the same as the normal thickness of the nipple portion within the area between circumferentially extending protuberances and its tapering bore extending at most only a slight distance underneath the collar portion, said collar portion having an external dimension smaller than the external dimension of the head portion, and

a sleeve like member for cooperation with said nipple structure to define a space accommodating the hose like object when assembled over said nipple structure, said sleeve like member having a substantially cylindrical external surface and including a main portion provided with rounded off internal circumferential grooves, the main portion of said sleeve like member having a normal internal diametric dimension smaller than the external dimensions of the collar portion and being adjoined in said one axial direction by a connecting portion and in the other axial direction by an end portion, the connecting portion of said sleeve like member having an internal diametric dimension larger than the normal internal diametric dimension of said main portion and at least slightly larger than the external dimensions of the collar portion so as to slidably fit over the same, and the free end portion of said sleeve like member having an internal diametric dimension at least as large as the internal dimetric dimensions of the connecting portion of the sleeve like member.

FIG.1



CVompl. specn. 33 pages. Drgns. 2 sheets

Cl. : 40 F. 174550

Int. Cl. : C 07 B 57/00, 61/00, 63/00;
C 07 C 39/00.

"A PROCESS FOR REMOVING METHOXYAROMATIC IMPURITIES FROM NATURALLY OCCURRING CRESYLIC ACID MIXTURES".

Applicant : MERICHEM COMPANY OF 4800 TAXAS COMERCE TOWER, HOUSTON, TEXAS 77002, UNITED STATES OF AMERICA.

Inventors : (1) MARVIN HOWARD STRUNK,
(2) JAMES ALLEN BRIENT.

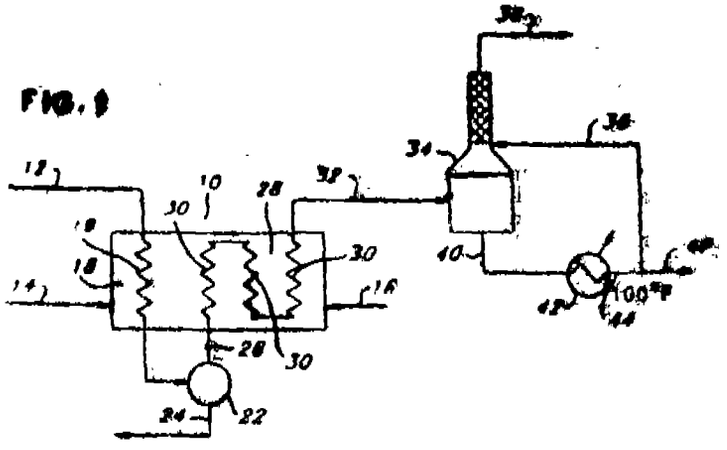
Application No. 449/Cal/1992; filed on 24th June, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

10 Claims

A process for removing methoxyaromatic impurities from a vaporized feed stream of naturally occurring cresylic acid mixitures which comprises : passing the vaporized feed stream through a heated tubular reactor at a temperature of at least about 450°C at pyrolysis conditions such as herein described to form a pyrolysis product stream, quenching the pyrolysis product stream to halt byproduct formation and condense cresylic acid, removing non-condensible gaseous compounds from the quenched pyrolysis product stream, and recovering the cresylic acid from such product stream.

FIG. 1



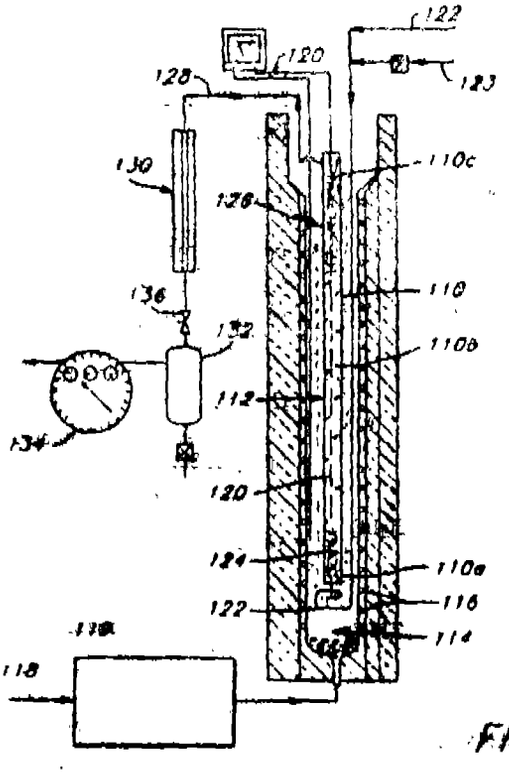


FIG. 2

(Compl. Specn. pages; Drgs. sheets)

Ind. Cl. : 51D. 174551

Int. Cl.[4] : B 65 D 83/10.

SAFETY RAZORS.

Applicant : THE GILLETTE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF PRUDENTIAL TOWER BUILDING, BOSTON, MASSACHUSETTE 02199, UNITED STATES OF AMERICA.

Inventors : NORMAN CLIFFORD WELSH.
OLIVER DAVID OGLESBY.

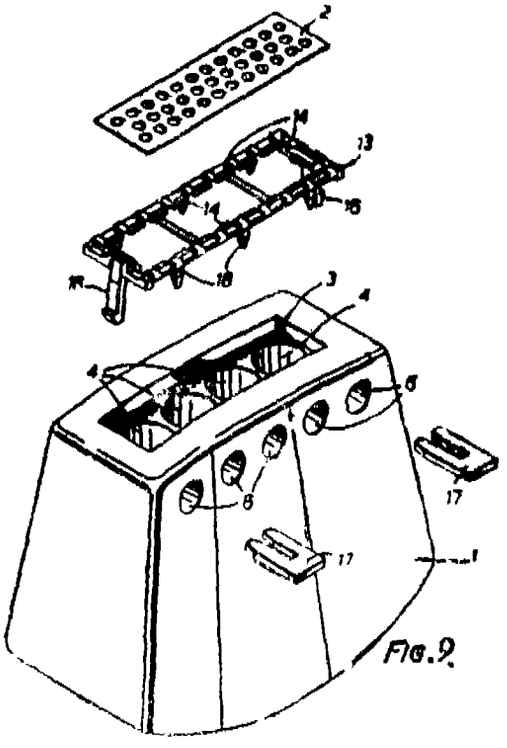
Application for patent No. 11/Del/88 filed on 7th January, 1988.

Convention No. 8700518/UK/9-1-1987 and 8708268/UK/87.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

17 Claims

A safety razor comprising a flexible multi-edged blade means (2) mounted in a holder (1) of resillient readily deformable material, said holder (1) having a skin engaging surface surrounding the blade means (2), the blade means (2) having a plurality of different individual edges which are displaceable relative to each other, whereby said blade means (2) follow local deformations of said skin engagement surface during a shaving operation.



(Compl. Specn. 11 pages; Drgns sheets Eight)

Ind. Cl. : 189 174552

Int. Cl.[4] : B 65 D 83/10.

IMPROVED RAZOR DEVICE.

Applicant : WARNER-LAMBERT COMPANY, OF 201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A., A CORPORATION ORGANISED UNUDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

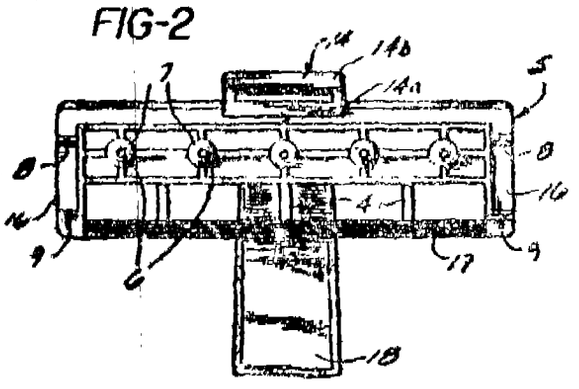
Inventors : PETER BOWMAN, FRANK ANTHONY FERRARO.

Application for Patent No. 27/DEL/88 filed on 13th January, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

An improved razor device having at least one blade (11, 13), a cap (20) overlaying said blade (11, 13) and a blade support (5) positioned beneath said blade (11, 13), characterised in that said blade (11, 13), said cap (20) and said support (5) are joined by (6, 7, 8) pin and slot (9, 15, 19) means which enable movement of said blade (11, 13), said cap (20) and said support (5) relative to each other between a first position in which the blade (11, 13) is exposed and a second position in which the blade (11, 13) is covered, said cap (20) being provided thereon with a skin treating component (30), as herein defined, said skin treating component (30) being in face engaging relationship when the device is in the blade (11, 13) exposed position.



(Compl. Specn. 12 pages. Drgns. 4sheets.)

Ind. Cl. : 189. 174553

Int. Cl.[4] : B 65 D 83/10.

TWIN BLADE RAZOR WITH DUAL CLEANING MEANS.

Applicant : WARNER-LAMBERT COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA.

Inventors : PETER BOWMAN, EVAN NAI-KEUNG CHEN.

Application for Patent No. 28/DEL/88 filed on 13th January, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A twin blade razor with dual cleaning means comprising :

(a) a bottom blade (16) having a shaving edge;

(b) a top blade (14) parallel to and spaced apart from said bottom blade (16), wherein said top blade (14) has a shaving edge parallel to but recessed from, the shaving edge of said bottom blade;

(c) a blade seat (10) upon which said bottom blade rests;

(d) a guard bar (40) extending from said blade seat (10) below and beyond the shaving edge of said bottom blade (16);

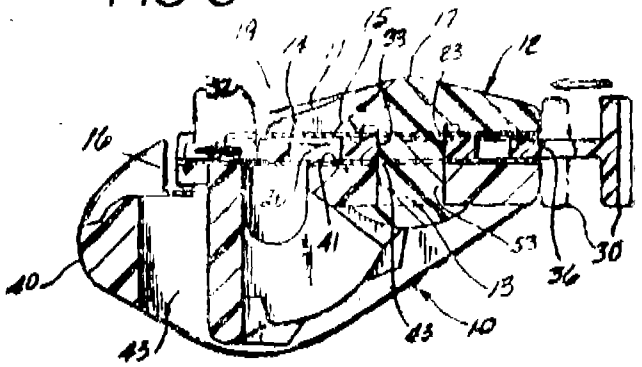
(e) a spacer (18) positioned between said bottom blade (16) and said top blade (14) having a first cleaning means (32, 30, 38, 36) for cleaning the space between said blades (14, 16);

(f) a cap (12) positioned over said top blade.

(g) a second cleaning means (11, 15) mounted on said cap (12) for cleaning the top surface of said top blade (14); and

(h) positioning means (13) for maintaining all the elements (12, 14, 16, 10, 18) of said razor system in a fixed rest position.

FIG-3



(Compl. specn. 9 pages. Drgns. 2 sheets)

Ind. Cl. : 206 E. 174554

Int. Cl.[4] : H 01 L 21/00.

A METHOD OF MANUFACTURING A BIPOLAR TRANSISTOR AND A BIPOLAR TRANSISTOR MANUFACTURED BY THE METHOD.

Applicant : TEXAS INSTRUMENTS INCORPORATED A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, 13500 NORTH CENTRAL EXPRESSWAY DALLAS, TEXAS 72265, UNITED STATES OF AMERICA.

Inventors : DAVID SPRATT & RAJIV RAJARAM SHAH.

Application for Pantent No. 59/DEL/88 filed on 21st January, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

23 Claims

A method of manufacturing a bipolar transistor comprising the steps of :

selectively doping a semiconductor body to form a semiconductor well of first conductivity type at the face thereof;

selectively doping said semiconductor to form a semiconductor base region of a second conductively type in said semiconductor well;

depositing polycrystalline silicon and forming a polycrystalline silicon emitter structure of said first conductivity type in contact with said semiconductor base region said emitter structure having sidewalls;

depositing insulating material and forming insulation on said sidewalls of said polycrystalline silicon emitter structure therewith;

selectively doping said semiconductor to form a semiconductor collector region of a first conductivity type in said well;

selectively doping said semiconductor to form a semiconductor extrinsic base region of said second conductivity type in said well, said extrinsic base region contiguous with said semiconductor base region; and

providing an impurity of said first conductivity type into said base region thereby to form a semiconductor emitter region of said first conductivity type.

(Compl. specn. 34 pages. Drgns. 4 sheets)

Ind. Cl. : 28 E [XXX(1)] 174555

Int. Cl.[4] : F 23 C 1/06.

"PULUERISED FUEL BURNER".

Applicant : THE UNIVERSITY OF SYDNEY, OF PARRAMATTA ROAD, SYDNEY, NEW SOUTH WALES 2006, AUSTRALIA AND THE ELECTRICITY COMMISSION OF NEW SOUTH WALES, OF HYDE PARK AND LEIZABETH STREETS, SYDNEY, NEW SOUTH WALES 2000, AUSTRALIA.

Inventors : (1) CAMPBELL BRAIN, (2) FAREMAN CRAIG, (3) VIERBOOM PETER.

Application No. 676/Del/88 filed on 04-08-88.

Convention application filed on 13-08-87/PI 3713/Australia.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-5.

6 Claims

A pulverised fuel burner (10) comprising a torch (12) for generating a continuous plasma, an inner (23) wall surrounding and projecting ahead of the torch (12) for constituting partially a devolatilisation zone (26) of the said burner (10), an outer wall (20) surrounding and projecting ahead of the said inner wall (23) for constituting partially a combustion zone (27), said devolatilisation zone (26) being located ahead of the torch (12) and said combustion zone (27) surrounding said devolatilisation zone (26), means (11) for energising the torch (12) and for introducing a plasma supporting gas into the torch (12) for causing the plasma to expand into said devolatilisation zone (26) at leas one primary conduit (28) for directing a primary supply of dense phase pulverised coal into the devolitilisation zone (26), a channel region (32) defined by said inner and outer walls (23, 20) and comprising a region through which an air supply is provided for directing air into the burner (12) for supporting combustion of the coal within said comoustion zone (27), and at least one secondary conduit (31) for delivering a secondary supply of pulverised coal, said secondary conduit (31) having an open delivery end located within the channel (32) region whereby coal passing into the channel region (32) from the said secondary (31) conduit s entrained in the air for supporting combustion and carried forward into the combustion zone (27) for contacting partially combusted volatiles and carbon particles that move outwardly from the devolatilisation zone (26).

FIG. 2

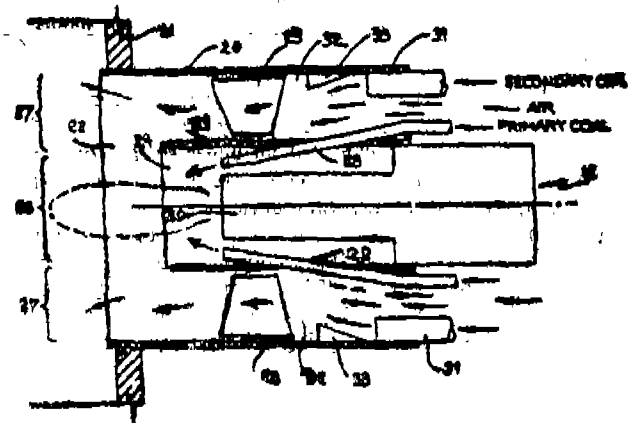
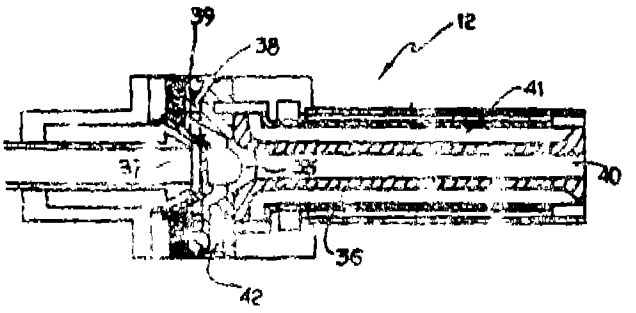
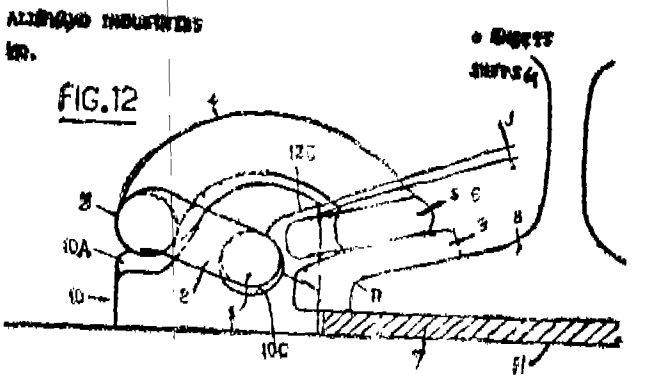


FIG. 3



Comp. Specn. 11 Drawing 02

means (12, 13 or 15) for stopping displacement of the fifth section (5), resulting from a rail lifting movement.



Compl. specification 23 pages Drg 6 sheets

Ind. Cl. : E 01 D 9/12, E 01 B 3/08. 174556

Int. Cl. : 157 D 6 (C) (L).

"A CLIP FOR FASTENING A RAIL OF A RAILWAY ON A RAIL SUPPORT".

Applicant : ALLEVARD INDUSTRIES, A FRENCH COMPANY, OF CHEMIN DE MALACHER, 38240 MEYLAN, FRANCE.

Inventor : DUVAL PHILIPPE

Application No. : 842/Del/88 filed on 3 Oct 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-5.

8 Claims

A clip for fastening a rail of a railway on a rail support comprising.

a spring clip for fastening or clamping the rail on a rail support, constituted by a clip made of elastic metal in the form of an "e" having a first end (A) an da second end (B) and having successively, from the first end (A), a first section (1) forming a substantially rectilinear arm parallel to the rail, a second section (2) forming a substantially 180 bend, a third section (3), a fourth section (4) forming a substantially 180 bend disposed on the same side as the second seciton (2) with respect to the third section (3), and a fifth section (5) disposed substantially parallel to the rail and adapted to exert a clamping effort on the base flange of the rail, and

an anchoring means (10 or 16) comprising a longitudinal orifice (10c) in which is introduced by translation the first section (1) of the spring clip, and an upper surface on which the third section of the spring clip a rests when fitted in a clamping position, said anchrosing device being also embedded or fixed in the rail support, characterized in that the spring clip further comprises a sixth section (6) disposed transversely with respect to the fifth section (5), being directed towards the first section (1), and said anchoring means comprises a displacement stopping means (12, 13 or 15) for the introduction of the sixth section (6) therein, so that, when the springg clip is mounted on the anchoring device, the spring clip clamp the base flange of the rail by fifth section (5), and cooperates with the displacement stopping

Ind. Cl. : 129 M (XXXV) 174557

Int. Cl. : B 21 D 28/00.

AN APPARATUS FOR THE PRECISION FEEDING OF CONTINUOUS STRIP TO A BLANKING MACHINE.

Applicant : F. I. C. I. FINANZIARIA INDUSTRIALE COMMERCIALE IMMOBILIARE S.P.A., A COMPANY ORGANISED UNDER LAW OF THE ITALIAN REPUBLIC OF CORSO MATTEOTTI 8-MILAN, ITALY.

Inventor : CASTIGLIONI GOIVANNI PIETRO

Application No. 849/Del/88 filed on 4 Oct 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-5.

8 Claims

An apparatus for the precision feeding of a continuous strip having shaped sides to a blanking machine, said apparatus comprising a frame (12), one or more support (13, 17) means mounted on said frame (12) for supporting at least one continuous strip of material (11) to be fed, a feeder unit located transversely relative to said one or more support (13, 17) means for feeding said strip (11) to the blanking machine, said feeder unit comprising an upper (27) roll and a lower roll (24) interacting with said upper roll, (27) one of said upper and (24, 27) lower rolls being connected to a motor (25) for being driven thereby and the other of said rolls being rotatably mounted on a shaft (28) to enable it to rotate freely, said (24, 27) rolls having such transversal dimensions as to occupy a minimum central portion of said strip (11), guide means (19) mounted adjacent said (24, 27) rolls and one said (12) frame for restraining said strip (11) and gulding said strip (11) through said (24, 27) rolls and sensor (23) means disposed in correspondence with said guide (19) means, said senso (23) means connected on one hand to saidmotor (25) driven roll (24)

an on the other hand, connectable to said blanking machine to detect any fault in the feeding of said strip (11) and to control the revolution of said motor driven (24) roll.

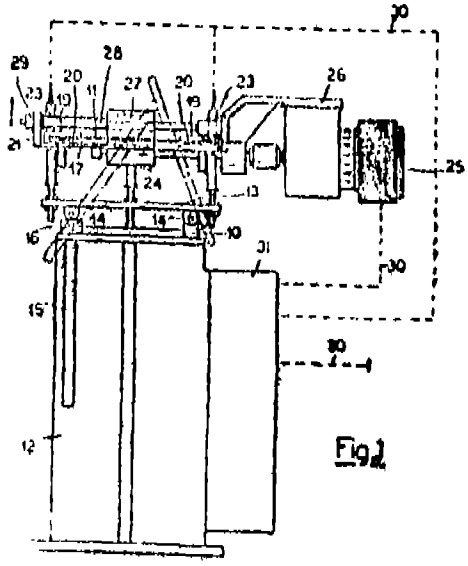


Fig 1

Compl. Spec. 12 pages Drg. 3 sheets

Ind. Cl. : 145 D [XXIV (4)] 174558

Int. Cl. : D 21 F 3/00.

IMPROVEMENTS IN PRESS-FILTERS INCORPORATING ENDLESS FILTERING WEBS".

Applicant : GUY GAUDFRIN, A FRENCH CITIZEN OF ALLEE DU BEC DE CANARD, GOLF. 78860 SAINT-NON-LA-BRETECHE, FRANCE.

Application No. 850/Del/88 filed on 4 Oct. 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-5.

11 Claims

A press-filter incorporating endless filtering webs comprising a chassis,

two endless filtering webs provided about said rollers traversing said paths,

characterised by :

a plurality of sets of guide rollers located on either side of the webs along their paths which are at least partially contiguous for squeezing said webs, one of said guide rollers being a drum,

a curved rigid roller race at least partially encircling said drum and spaced therefrom by a predetermined gap and

a plurality of squeezing rollers rotatably mounted on said roller race said filtering webs encircling said drum over a major portion of its periphery and passing between the drum and the squeezing rollers, said plurality of squeezing rollers constituting an endless chain defining a travel path for a closed loop leading web traversing path which path is also contiguous with the paths of said endless filtering webs at least within said predermined gap separating said drum from said rigid roller race said leading web being located between said squeezing rollers and said filtering webs.

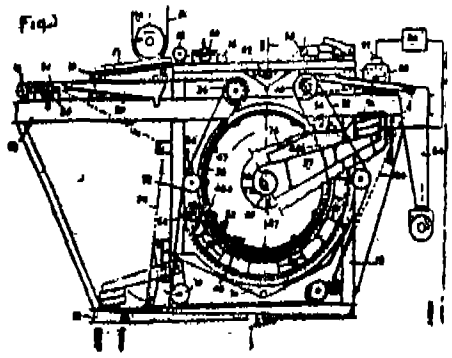


Fig 2

(Compl. Specn. 15 pages, Drg. 5 sheets.)

Ind. Cl. : 150 F 174559

Int. Cl. : F 16 L 27/00

"RING-LIKE PACKING FOR A SEALED JOINT".

Applicant : PONT-A-MOUSSON S. A., A FRENCH COMPANY, OF 91 AVENUE DE LA LIBERATION, 54000 NANCY, FRANCE.

Inventor : LAGABE ANDRE, BUCHER GLAUDE.

Application for Patent No. 851/Del/88 filed on 5 Oct. 88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-5.

7 Claims

A ring-like packing (2) symmetrical about an axis X-X for a sealed joint between a male end (1) of a first pipe (T1) and a socket end (3) of a second pipe (T2), said socket end having a mouth collar (4) followed by a groove (5) coaxial to the socket end, said groove having at least a shoulder and an inner corner, said packing having an anchoring heel (8) extended by a radially compressible sealing body (10), the anchoring heel being configured to seat in the groove, characterised by a plurality of locking elements (E) individually distributed around the periphery of the packing, each locking element comprising an elongate first branch (B1) parallel to the axis X-X and an elongate second branch (B2) disposed at an angle of 80° to 100° to the axis X-X and extending the first branch in a radially inward direction, the first branch being disposed in the anchoring heel at a radically outermost surface thereof and the second branch extending radially through the packing and having a bevelled inner edge projecting slightly beyond an inner peripheral surface of the packing, a juncture between the first and second branches defining a projection (20) disposed against a shoulder (9) at an inner corner of the groove such that, upon the insertion of the male end of the first pipe into the socket end of the second pipe, the locking element pivots about the projection with the inner edge of the second branch being exclusively forced inwardly of the socket end by the first pipe insertion and without the application of any internal or external fluid pressure.

(Compl. Specn. 13 pages, Drgns. 4 sheets.)

Ind Cl. : 6 F D LVII (1) 174560

Int. Cl. : H 0 1 T 4/00

"LIGHTNING ARRESTER DEVICE"

Applicant : COMPAGNIE INDUSTRIELLE DE TUBES ET LAMPS ELECTRIQUES CITEL, A FRENCH COMPANY, OF 8, AVENUE JEAN-JAURES, 92130 ISSY-LES-MOULINEAUX, FRANCE.

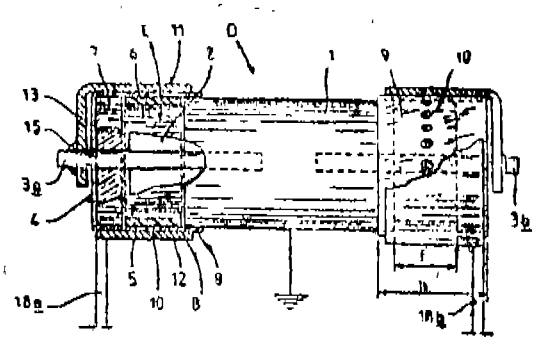
Inventor : DORIVAT MICHEL.

Application No. 863 Del 88 filed on 11-10-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch., New Delhi-5

9 Claims

A lightning arrester device comprising an external metal casing (1) defining an enclosure (2) containing a neutral gas and at least one metal rod (3a, 3b) constituting an electrode extending into the interior of the casing, inculating sealing means (4) being provided between the rod and the casing in order to close said casing, at least on fusible element (5) to create a short circuit between the electrode (3a, 3b) and the casing (1) when the quantity of energy to be diverted by the lightning arrester device exceeds a specified threshold, said electrode (3a, 3b), a housing (L) the fusible element (5) being provided in said housing, and a strip (9) of insulating material surrounding said fusible element and the housing, said strip (9) having holes (10) and being in turn surrounding by a conductive metal ring (11) electrically connected to the electrode, whereby when there is a rise in temperature in the casing, the fusible element (5) melts and flows through at least one said hole (10) in the insulating strip to create a short circuit electrical contact between the casing (1) and the meal rinde (11) connected to the electrode.



(Compl. Specn. 11 pages. Drgn. 01 sheets.)

Ind. Cl. : 32 E IX (1) 174561

Int. Cl. : C08L 69/00

"IMPACT RESISTANT BLENDS"

Applicant : UNITROYAL CHEMICAL COMPANY, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW JERSEY, ONE OF THE UNITED STATES OF AMERICA, LOCATED AT WORLD HEADQUARTERS, MIDDLEBURY, CONNECTICUT 06749, UNITED STATES OF AMERICA.

Inventor : JOHN MICHEL WEFER

Application No 717/Del/88 filed on 22-08-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-5.

5 Claims

An impect resistant blend comprising

a. polyethylene terephthalate resin;

b polycarbonate resin: and

c. a graft copolymer comprising a styrent-acrylonitrile resin on an ethylene-propyline non-conjugated diene rubber spine, said styrene-acrylonitrile resin being present in an amout of about 5-75% by weight of the graft copolyme; and

wherein the proportions of (a), (b) and (c) expressed in parts by weight per 100 parts of (a), (b) and (c) are as follows :

a. 20—90

b. 20—60

c. 20—50; and the combined parts aby weight of (b) and (c) is greater than 40.

(Compl. Specn. 22 pages. Drgn. Nil.)

Ind. Cl. : 32 E + 40 E 174562

Int. Cl : B 01 D 13/04,
C 08 J 5/20, 5/22.

"A METHOD FOR PRODUCING A COMPOSITE MEMBRANE".

Applicant : EXXON RESEARCH AND ENGINEERING COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF P.O. BOX 390, FLORHAM PARK, NEW JERSEY 07932, UNITED STATES OF AMERICA.

Inventor : ROBERT CHARLES SCHUCKER.

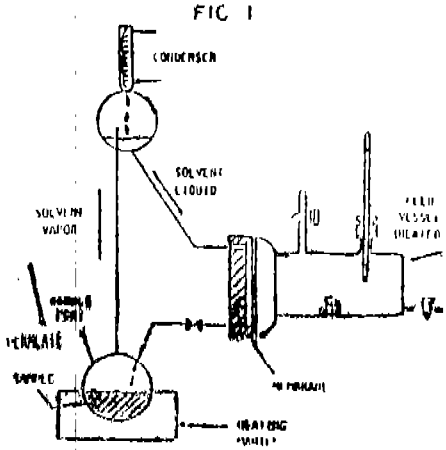
Application No. 881/Del/88 filed on 14-10-88

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-5.

7 Claims

A method for producing a composite membrane consisting of a thin active layer of polyurea/urethane on a porous backing of the kind such as herein described, said method comprising producing a solution of polyurea/polyurethane polymer in a multi component solvent system consisting of (a) an aprotic solvent of the kind such as herein described, (b) a cyclic ether of the kind such as herein described, (c) cellosolve acetate or methyl cellosolve and (d) a wetting agent of the kind such as herein described wherein the components in the solvent are used in a parts per hundred ratio of a/b/c/d in the range about 3-27/94-33/2-33/1-7, depositing a thin film of the polyurea/urethane polymer in solvent onto a microporous support substate, evaporating said solvent to produce a thin film of polyurea/urethane copolymer on the support.

FIG 1



(Compl. Specn. 21 pages. Drgns. 02 sheest)

Ind. Cl. : 32 E+40 F 174563

Int. Cl.[4] : C 08705/00 5/22, 5/24.

"A METHOD FOR THE SEPARATION OF AROMATICS FROM NON-AROMATICS.

Applicant : EXXON RESEARCH AND ENGINEERING COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA., OF P. O. BOX 390, FLORHAM PARK, NEW JERSEY 07932, UNITED STATES OF AMERICA.

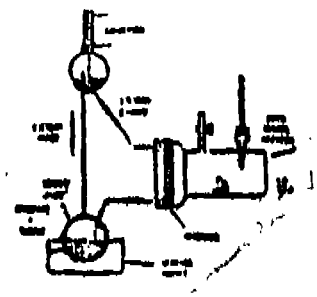
Inventor : ROBERT CHARLES SCHUCKER.

Application No. 883/Del/88 filed on 14-10-88

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

4 Claims

A method for separating mixtures of aromatics and non-aromatics into aromatic enriched streams and non-aromatics enriched streams comprising contacting said aromatic-non-aromatics mixtures with one side of a membrane, characterised in that said membrane is a polyurea/urethane membrane possessing a area index of at least about 20% but less than 100% and aromatic carbon content of at least about 15 mole percent, a functional group density of at least about 10 per 1000 grams of polymer and a C=)/NH ratio of less than about 8.



Comp. Specn. 38 pages Drgn. 3 sheets

Ind. Cl. : 69 A LIX (1) 174564

Int. Cl. : H 01 H 73/00.

"LEAK-PROOF ELECTRICAL APPARATUS SUCH AS A CIRCUIT BREAKER, EMPLOYING A DIELECTRIC GAS UNDER PRESSURE".

Applicant : ALSTHOM, A FRENCH COMPANY, OF 38 AVENUE KLEVER, 75784 PARIS CEDEX 16, FRANCE.

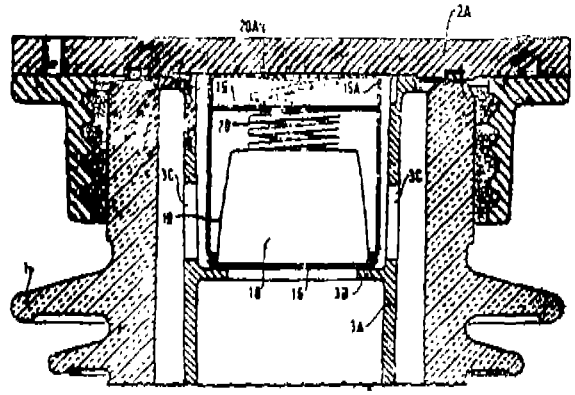
Inventors : 1. GEORGES BERNARD, 2. ALAIN LIBAUD, 3. ROGER GIRARDET, 4. ROGER SAUVAT, 5. ALAIN ZACAR.

Application No. 893/DEL/88 filed on 17-10-88.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

05 Claims

Leak-proof electrical apparatus, such as a circuit breaker, employing a dielectric gas under pressure, said apparatus having a chamber or housing within which the fixed components of the apparatus are located and which contains said dielectric gas under pressure, characterised in that a box (15) having a releasable cover (15) and capable of closing by means of snap-fastening is mounted within said sousing, said box containing a humidity absorbing molecular sieve, (18, 19) said box having been pre-filled with said pressurised dielectric gas, whereby, on evacuation of the air and/or gas within said housing, the pressure within said box exceeds the pressure within said housing to cause said releasable cover to separate from said box and the pressurised dielectric gas to fill said housing while remaining in contact with said humidity absorbing molecular sieve in said now open box.



Comp. specn. 07 pages. Drgns. 2 sheets

Ind. Cl. : 35C, D 174565

Int. Cl.[4] : C04B 7/00, 7/32.

"A METHOD OF MAKING A DURABLE RAPIDLY SET HARDENED CEMENTITIOUS MATERIAL FOR USE AT A SITE".

Applicant : FOSROC INTERNATIONAL LIMITED, A BRITISH COMPANY, OF 285 LONG ACRE, NECHELLS, BIRMINGHAM B7 5JR, ENGLAND.

Inventors : ROBERT FRANKLIN VILES.

Application for Patent No. 935/DEL/88 filed on 28th October, 1988.

Conventional Data : Date 29-10-1987 No. 8725385 Country : UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A method of making a durable rapidly set hardened cementitious material for use at a site, the method comprising supplying to the site of use a dilute aqueous slurry of water and a composition comprising high alumina cement, beta anhydrite, at least 1% by weight of aluminium sulphate relative to the high alumina cement, a source of free lime [as defined herein] in 3% to 9% by weight of the high alumina cement to cause the formation of ettringite on hydration, and at least 10% by weight of a reactive filler [as defined herein], and allowing or causing the placed slurry to set and harden rapidly to form the durable set cementitious material.

(Compl. Specn. 12 pages; Drgns. Sheet : Nil)

Ind. Cl. : 32 F 3(B) 174566

Int. Cl.[4] : C 07 C 63/14.

"PROCESS FOR THE EXTRACTION OF A PURIFIED AQUEOUS TEREPHTHALIC ACID SLURRY".

Applicant : MITSUL PETROCHEMICAL INDUSTRIES, LTD., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF JAPAN OF 2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU TOKYO, JAPAN.

Inventors : YAMAMOTO RYOICHI
SUZUKI HIROSHI

Application No. 1074/DEL/88, filed on 7th December, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A process for the extraction of a purified aqueous terephthalic acid slurry from a slurry of terephthalic acid and an aliphatic carboxylic acid such as herein described which comprises :

bringing a downward flowing stream of said slurry of terephthalic acid and aliphatic carboxylic acid into contact with an upflowing stream of water.

effecting in a manner such as herein described a sedimentation of terephthalic acid particles, and

withdrawing an upper product consisting of aqueous aliphatic carboxylic acid solution and a bottoms product comprising an aqueous slurry of terephthalic acid.

(Compl. Speen. 18 pages; Drngs. 1 sheet)

Ind. Cl : 32 E 174567

Int. Cl.[4] : C 07 G 63/00, 63/02.

"A PROCESS FOR PRODUCING POLYESTER FIBERS WITH REDUCED CARBOXYL END GROUP CONCENTRATION".

Applicant : ALLIED-SIGNAL INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, OF COLUMBIA ROAD AND PARK AVENUE, MORRIS TOWNSHIP, MORIS COUNTYM NEW JERSEY 07960. U.S.A.

Inventors : (1) YOUSEF MOHAJER
(2) STANLEY DAVID LAZARUS
(3) ROBERT SANDERSON COOKE

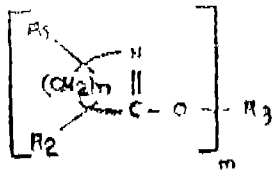
Application No. : 1077/DEL/88 filed on 7th December, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

8 Claims

A process for producing polyester fibres with reduced carboxyl and group concentration from a high molecular weight polyester polymer of the kind such as herein described, said process comprising :

admixing and reacting with the molten polyester polymer at least 0.1 weight percent based on weight of the polymer of at least one lactim compound of formula I of the drawings



wherein,

n is an integer of 2 to 15;

m is an integer of 1 to 4;

R_1 and R_2 are independently hydrogen, halogen, nitro, amine, C_1-C_{10} alkyl, C_5-C_{12} cycloalkyl, C_7-C_9 alkyl aromatic, or C_6-C_{10} aromatic; and

R_3 is a mono-to tetravalent organic radical selected from the group consisting of C_1-C_{32} alkyl, C_5-$_{14}$ cycloalkyl, C_7-C_{10} alkyl aromatic, and C_6-C_{14} aromatic;

forcing the reacted molten polymer under pressure to a spinneret;

and extruding the lactim reacted polymer to form a fiber in a manner known per se.

(Compl. Speen. 18 pages; Drngs. 1 sheet)

Ind. Cl : 205 L (LVI) 174568

Int. Cl. : B 29 H 3/00, 3/42.

"MOLD APPARATUS FOR RETREADING OF A BUILT-UP TIRE CARCASS".

Applicant : LONG MILE RUBBER COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, WITH OFFICES AT 5550 LBJ FREEWAY, SUITE 200, DALLAS TAXES 75240, UNITED STATES OF AMERICA.

Inventors : (1) MAGNEE ARTHUR WEBSTER
(2) SHOCKLEY RICHARD DONALD
(3) CRAWFORD MICHAEL EUGENE.

Application No. : 1082/DEL/88 filed on 9th December, 1988.

Divisional to No. : 412/DEL/1986 filed on 6th May, 1986.

Anti dated to : 6th May, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

Mold apparatus for retreading of built-up tire carcass (10), comprising :

at least one flexible elastomeric arcuate segment (14) having first (16) and second (18) ends, said segment is disposed circumferentially about the built-up tire carcass (10) such that said first and second ends about; and

a pattern (20) of ribs extending radially inward from the inner surface of said segment, said pattern defining the negative contour of a desired tread pattern when imbedded in the built-up tire carcass;

said rib pattern causing said first (16) and second (18) end to be separated by a gap (12 16) when not fully imbedded in the surface of the built-up tire carcass.

(Compl. Speen. 23 pages; Drgns. 2 sheets)

Ind. Cl. : 69 Q [LIX (1)]. 174569

Int. Cl.[4] : H 01 H 81/00.

"A THERMALLY PROTECTED ELECTRICICAL SWITCHING APPARATUS".

Applicant : LA TELE ECANIQUE ELECTRIQUE A FRENCH CORPORATION, OF 33 BIS, AVENUE DU MARECHAL JOFFRE, 92000 NANTERRE, FRANCE.

Inventors : (1) MICHEL SAINT SAENS
(2) BRUNO JACQUET
(3) PHILIPPE MARIE
(4) FREDERIC NOIROT
(5) FRANCOIS TELLIER.

Application No. : 1100/DEL/88 filed on 14th December, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

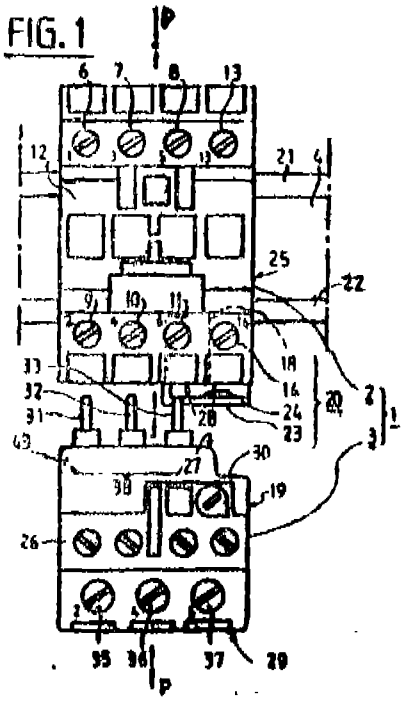
Claims 03

A thermally protected electrical switching apparatus comprising :

a contactor (2) having a fixing base provided with means for fixing said apparatus (1) on a profiled rail, (4) a front face which extends opposite said base a lateral faces including a first face which extends between said base and said front face, said first face comprising, in the vicinity of the front face, a row of terminals (6 to 11) including power terminals and at least one signalling terminal and said fixing means comprising a latch provided with a control means which projects from said first face in a region located near the base under said signalling terminal; and

a thermal relay (3) having a second face (27, 28) provided with conducting pins disposed thereon for engagement with and fixing in said power terminals when said thermal relay is in an assembled position, with said second face thereof facing the first face of said contactor and in close vicinity thereto, said conducting pins thus constituting both an electric connection and a mechanical fixing between said contactor and said thermal relay, said second face of said thermal relay being provided with a recess forming a passage extending perpendicularly to said base along an axis passing in front of said signalling terminal and through said control means.

FIG. 1



(Compl Specn. 7 pages; Drngs. 1 sheet)

Ind. Cl. : 32 F2 b. 174570

Int. Cl.[5] : CO 7D-, 205/00.

"PROCESS FOR THE PREPARATION OF AZETIDINE COMPOUNDS".

Applicant : LABORATORIOS DEL DR. ESTEVA, S.A., A SPANISH BODY CORPORATION CORPORATE, OF AV. MARE DE DUE MONTSERRAT, 221, 08026 BARCELONA, SPAIN.

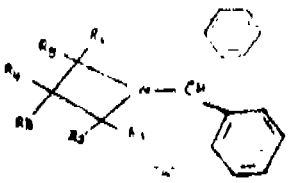
Inventors : AUSUSTO COLOMBO-PINOL, JORDI FRIGOLA-CONSTANSA, JUAN-PARES CCROMINAS.

Application for patent No. 658/DEL/90 filed on 28th Jun 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

Claims 5

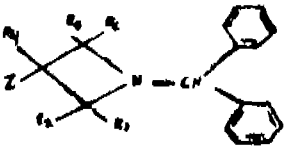
Process for the preparation of azetidine compounds of general formula I



(I)

wherein R3 represents as amino radical an alkylamico radical, a dialkylamino radical, a cycloalkylamino radical, an acyamino radical an alkyllacylamino radical, an aminomethyl radical, an alkylaminomethyl redical, an acyl aminomethyl radical or an alkylacylaminomethyl radical in which radicals each acyl fragment may be substituted with one or more halogen, especially fluorine, atoms; and R1, R2, R4 R5 and R6 represent a hydrogen atom or a lower alkyl radical, with the proviso that at least one of them represents a lower alkyl radical, and also their salts, said process comprising;

subjecting a compound of general formula (XII)



(III)

wherein Z represents a methylsulphonyloxy or P-toluenesulphonyloxy radical and R1, R2, R4 and R5 and R6 are as defined above to a conventional substitution reaction in the presence of a compound selected from ammonia solution, an alkylamine, a dialkylamine, a cycloalkylamine or a cyano group.

(Compl. Specn. 30 pages; Drgns. sheet Nil)

PATENT SEALED ON

9-12-94

170507 171756*D 172242 173068 173280*D 173288 '73289 173371* 173392 173393*D 173394 173395 173399 173400* 173401* 173402 173404*D 173405*D 173406 173407*D 173408*D 173409*D 173410*D 173411 173412 173413 173414 173415 173416 173417 173418 173419 173420 173421 173422 173423 173426 173427 173428* 173429 173430 173431.

Cal - 23, Del - 10, Bom - 7 & Mad -2.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patent.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that MEDIOLANUM FARMACEUTICI SPA, an Italian Joint Stock Company of via S. Giuseppe Cottolengo 31, Milano, Italy have made an application under Section 57 of the Patent Act, 1970 for amendment of application and specification of their application for Patent No. 173720 for "Process for the preparation of a Pyridobenzothiazine Derivative".

The amendments are by way of reflecting above new name, nationality of the applicants from MEDIOLANUM FARMACEUTICI Srl, an Italian Limited Liability Company.

The application for amendment and the proposed amendments can be inspected free of charge of Patent Office 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the perscribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

AMENDMENT UNDER SECTION 78(1)

In pursuance of Controller's order dated 6th April, 1994 the accepted complete specification in respect of application for Patent No. 171399 has been amended as follows :—

(1) In page No. 1A of the specification *Add* a sentence at the end of the existnig second paragraph i.e. the line *"The signal substances used herein have no insecticidal action."*

(2) The word *"insecticidal"* in line No. 15 page No. 1A stands *replaced* with the words *"insect controlling"*.

RENEWAL FEES PAID

161084	161735	161890	162138	162228	162337	162692
162761	163017	165483	165605	165772	165776	165811
165877	166014	166172	166215	166216	166219	166238
166332	166398	167325	167596	167597	167606	167747
167877	167883	167906	167907	168012	168015	168038
168091	168122	168123	168359	168362	168431	168472
168585	168595	169311	169490	169781	169871	169872
169879	169880	169940	169972	170048	170062	170125
170127	170214	170217	170271	170281	170300	170367
170372	170393	170872	171275	171516	171585	171689
171714	171718	171724	171729	171839	171842	171923
171939	171951	171959	171970	172062	172071	172111
172120	172124	172157	172186	172221	172227	172230
172232	172233	172251	172254	172263	172439	172440
172474	172480	172501	172504	172505.		

CESSATION OF PATENTS

162334	162351	162381	162382	162384	162388	162466
162494	162513	162576	162595	162598	162606	162612
162645	162671	162679	162689	162713	162731	162735
162750	162762	162764	162765	162790	162794	162796
162815	162822	162832	162862	162870	171170.	

RESTORATION PROCEEDINGS

Notice is hereby given that an application for resoration of Patent No. 164426 dated the 17th June, 1986 made by Tractel Tirfor India Pvt. Ltd. on the 15th June, 1994 and notified in the Gazette of India Part III, Section 2 dated the 27th August, 1994 has been allowed and the said patent restored.

REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for Period of two years from the date of registration except as provided for Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. No. 167304, Karamchand Industries, a Registered Partnership firm, of Karamchand House, 1, Southern Avenue, Maharani Bagh, New Delhi-110 065, India, "Bottle", 28th April, 1994.

Class 3. No. 167305, Karamchand Industries., a Registered Partnership firm, of Karamchand House 1, Southern Avenue, Maharani Bagh, New Delhi-110 065, India, "INSECTICIDE MAT HEATER", 28th April, 1994.

Class 1. No. 166357, Tide Water Oil Co. India Ltd., of 3rd floor, Kamanj Chambers, 32, R Kamani Marg, Ballard Estate, Bombay-400 038, Maharashtra, India, "CONTAINER", 13th October, 1994.

Class 3. No. 165955, Castrol India Limited, White House, 91 Walkeshwar Road, Bombay-400 006, Maharashtra, India, "CONTAINER", 28th July, 1993.

Class 3. No. 165854, MRF Limited, 124, Greams Road, Madras-600 006, Tamil Nadu, India, "TYRE", 8th July, 1993.

Class 1. No. 165831, Roshan Lal Kurera, an Indian of Katras Road, Dhanbad, Bihar, India, "STRUCTURAL COG", 2nd July, 1993.

Class 12. No. 166224, Procter & Gamble, Godrej Limited, 5/1A, Hungerford Street, Calcutta-700 017, West Bengal, India, "BISCUIT" 1st November, 1993.

Class 12. No. 167009, Pur Polyurethane Pvt. Ltd., whose address is 22 DSIDC Sheds, Scheme II, Okhla Industrial Area II, New Delhi-110020, India, "PILLOW", 11th March 1994.

Class 12. No. 167010, Pur Polyurethane Products Pvt. Ltd., DSIDC Sheds, Scheme II, Okhla Industrial Area II, New Delhi-110020. India, "CUSHION", 11th March, 1994.

Class 12. No. 166388, Bharat Biscuit Co. (P) Ltd., 538, Jodhpur Park, Calcutta-700 068. West Bengal, India, "BISCUIT", 19th October 1993.

Class 12. No. 166324, Procter & Gamble, Godrej Limited, a India company of tiaeteon House, Dr. E. Moses Road, Bombay-400 011, Maharashtra India, "CAKE OF SOAP", 6th October 1993.

Class 13. No. 166628 & 166629, Orkay Industries Ltd., of N. K. M. International House, Babubhai Chinai Marg, 178 Backbay Reclamation, Bombay 400020, Maharashtra, India, "PRINTED CLOTH", 29th December 1993.

Class 13. No. 166007, Mohan Exports (India) an Indian company of Mohan House, Zamrudpur Community Centre, Kailash Colony Extension, New Delhi-110048, India, "PRINTED FABRIC", 10th August 1993.

Class 13. No. 166030 & 166031, 166028, Mrs. Neeru Kumar of E-9/10, Vasant Vihar, New Delhi-110057, India, "WOVEN CUSHION COVER", 12th August 1993.

Class 13. No. 166032, Mrs. Neeru Kumar, of E-9/10, Vasant Vihar, New Delhi 110057, India, "WOVEN TABLE CLOTH", 12th August 1993.

Class 14. No. 165303 & 165304, Mrs. Neeru Kumar, of E-9/10, Vasant Vihar, New Delhi-110057, India, "WOVEN BED COVERS", 9th February 1993.

Class 13. No. 165826. Mohammed Shahir Quidwai, P. O. Lal Diggi Road, Post/Dist. Sultanpur, Uttar Pradesh, India, "UNDERWEAR", 2nd July 1993.

Class 14. No. 166025 & 166027, Mrs. Neeru Kumar, of E-9/10, Vasant Vihar, New Delhi-110057, "WOVEN BED COVER", 12th August 1993.

Class 14. No. 165306 & 165307, Mr. Neeru Kumar, of E-9/10, Vasant Vihar, New Delhi-110057, "WOVEN SHAWLS", 9th February 1993.

Class 14. No. 166233, S. P. Textiles, a proprietory firm of Mamletdar Lane, Malegaon-423203, Dist. Nasik in the State of Maharashtra within the Union of India, "SAREE", 22nd September 1993.

Class 11. No. 166714, 166717 & 166726, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India, "BLOUSE", 18th January 1994.

Class 11. No. 166715, 166716, 166718 & 166727, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India, "KURTA FOR LADIES", 18th January 1994.

Class 11. No. 166719, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India, "SHARARA FOR LADIES", 18th January 1994.

Class 11. No. 166724, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India, "LADIES DRESS WITH STRAPS", 18th January 1994.

Class 11. No. 166722, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India, "CULLOTE FOR LADIES", 18th January 1994.

Class 11. No. 166720, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India, "LEHANGA TOP", 18th January 1994.

Class 11. No. 166214 & 166216, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place New Delhi-110019, India, "GARMENT KURTA", 17th September 1993.

Class 11. No. 166213, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India, "GARMENT BLOUSE", 17th September 1993.

Class 11. No. 166215, Ravissant, A division of Vishal (P) Ltd., 24 Nehru Place, New Delhi-110019, India "GARMENT SHRITWAIST DRESS", 17th September 1993.

Class 11. No. 165878, Swaminathan Venkataraman Das, T. C. 36/109 (2) Srivilas, Perunthanni, Trivandrum-695008, Kerala, India, Indian, "COLLAR LINERS", 16th July 1993.

Class 11. No. 166367, Upinder Singh Santokh Singh Narula, an Indian Residing at 5, Sunview Apartments, Opp. Purnanand Ashram, Navjivan Post, Ahmedabad-280014, Gujarat, India, "AN UNDERWEAR", 13th October 1993.

R. A. ACHARYA,
Controller General of Patents,
Designs & Trade Marks

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